GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Water Resources Department – Proposal of M/s Indian Oil Corporation Limited (IOCL) for laying of 16" dia Petroleum Product pipeline along with 3" dia Optical Fiber Cable (OFC) across Rivers/ Canals / Nala & drains at various locations in Gantyada, Bondapalli and Chipurupalli Mandals of Vizianagaram District coming under the jurisdiction of Vizianagaram Division as a part of Paradip-Hyderabad pipeline project (PHPL) in the State of Andhra Pradesh – Permission Accorded – Orders – Issued.

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WATER RESOURCES (REFORMS) DEPARTMENT

G.O.Rt.No.213 Dated:22.03.2019.

Read the following:-

1. From the GM(c), Vizag, Indian Oil Corporation Ltd., Paradip - Hyderabad Pipeline Project Lr.No.PHPL/VJA/CONST/Irri/206.3/502, dated: 23.10.2017.
2. Govt.Memo. No.823206/Reforms/A2/2017, WRD, dt:27.10.2017.
3. From the Chief Engineer, Minor & Medium Irrigation, Vijayawada Lr.No. DCE-I / OT1 / T1 / Visakha / IOCL, dated: 24.10.2018.

O R D E R

In the reference 1st read above, the General Manager(c), Vizag, Indian Oil Corporation Limited(IOCL), Paradip - Hyderabad Pipeline Project, Vijayawada has requested the Government to accord permission for laying pipeline along with optical fiber cable across the water bodies in the State of Andhra Pradesh for transportation of petroleum products from Paradip Refinery in Odisha to Hyderabad in Telangana. The proposed pipe line traverses six districts in Andhra Pradesh i.e Srikakulam, Vizianagaram, Visakhapatnam, East Godavari, West Godavari and Krishna. The concerned Engineers-in-Chief/ Chief Engineers, were directed to expedite necessary permissions as sought for by the Indian Oil Corporation Limited(IOCL) as per conditions stipulated in this regard.

2. In the reference 3rd read above, the Chief Engineer, Minor & Medium Irrigation, Vijayawada has stated that the irrigation officials along with IOCL officials have inspected all the proposed pipeline crossing points jointly and informed that there is no structure come across the pipe line in the field verification in Vizianagaram District. The Chief Engineer, Minor & Medium Irrigation, Vijayawada have furnished the locations of crossings (34 Nos.) along with the amount of security deposit to be deposited by the Indian Oil Corporation Limited(IOCL) i.e Rs.1,39,99,100/- (Rupees one crore thirty nine lakhs and ninty nine thousand one hundred only) for each crossing for granting permission for laying of 16 inch dia petroleum product pipeline along with 3" dia Optical Fibre Cable (OFC) across Rivers/ Canals / Nala & drains at various locations in Gantyada, Bondapalli and Chipurupalli Mandals of Vizianagaram District coming under the jurisdiction of Vizianagaram Division as a part of Paradip to Hyderabad pipeline in Vizianagaram District as detailed below.

**2 (a)Crossings of locations :**

| SL No. | NEW CH | OLD CH | DESCRIPTION | District | Mandal | Village | CROSSING WIDTH( in M) | Width of land acquired for | Restoration Charges per | Total Amount | Crossing Method |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 494+238.69 | | Nala | Vizianagram | Chipurupalli | Pedanadipalli | 1.76 | 18.00 | 10000 | 17600 | OPEN CUT-NT |

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| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 496+169.31 | | Canal | Vizianagram | Chipurupalli | Itakarlapalli | 13.34 | 18.00 | 10000 | 133400 | SUBMERGED CROSSING |
| 3 | 496+205.74 | | Nala | Vizianagram | Chipurupalli | Itakarlapalli | 10.78 | 18.00 | 10000 | 107800 | SUBMERGED CROSSING |
| 4 | 496+822.97 | | Nala | Vizianagram | Chipurupalli | Konuru | 18.58 | 18.00 | 10000 | 185800 | SUBMERGED CROSSING |
| 5 | 498+583.93 | | Nala | Vizianagram | Chipurupalli | Potayyavalasa | 4.78 | 18.00 | 10000 | 47800 | OPEN CUT-HW |
| 6 | 499+317.73 | | Nala | Vizianagram | Chipurupalli | Potayyavalasa | 5.42 | 18.00 | 10000 | 54200 | OPEN CUT-HW |
| 7 | 499+837.63 | | Nala | Vizianagram | Chipurupalli | Potayyavalasa | 11.65 | 18.00 | 10000 | 116500 | SUBMERGED CROSSING |
| 8 | 507+902.24 | | Pond | Vizianagram | Gurla | Jammu | 33.3 | 18.00 | 20000 | 666000 | HDD |
| 9 | 513+398.22 | | Pond | Vizianagram | Gurla | Gosada | 82.49 | 18.00 | 20000 | 1649800 | HDD |
| 10 | 527+836.51 | | Gedda | Vizianagram | Bondapalli | Garuabilli | 73.76 | 18.00 | 10000 | 737600 | SUBMERGED CROSSING |
| 11 | 528+355.50 | | Nala | Vizianagram | Bondapalli | Garuabilli | 56.53 | 18.00 | 10000 | 565300 | SUBMERGED CROSSING |
| 12 | 528+644.07 | | Field Channel | Vizianagram | Bondapalli | Garuabilli | 20.74 | 18.00 | 10000 | 207400 | OPEN CUT-NT |
| 13 | 529+310.51 | | Field Channel | Vizianagram | Bondapalli | Kindam | 5.32 | 18.00 | 10000 | 53200 | OPEN CUT-NT |
| 14 | 529+437.52 | | Drain | Vizianagram | Bondapalli | Kindam | 3.76 | 18.00 | 10000 | 37600 | OPEN CUT-NT |
| 15 | 529+446.75 | | Drain | Vizianagram | Bondapalli | Kindam | 2.56 | 18.00 | 10000 | 25600 | OPEN CUT-NT |
| 16 | 530+317.46 | 520+983.50 | Nala | Vizianagram | Bondapalli | Kindam | 11.62 | 18.00 | 10000 | 116200 | SUBMERGED CROSSING |
| 17 | 530+666.337 | 522+173.31 | Nala | Vizianagram | Bondapalli | Kindam | 8.6 | 18.00 | 10000 | 86000 | SUBMERGED CROSSING |
| 18 | 530+884.436 | 522+557.26 | Nala | Vizianagram | Bondapalli | Kondakindam | 4.4 | 18.00 | 10000 | 44000 | OPEN CUT-HW |
| 19 | 531+242.974 | 522+783.56 | Nala | Vizianagram | Bondapalli | Kondakindam | 6.92 | 18.00 | 10000 | 69200 | SUBMERGED CROSSING |
| 20 | 531+494.359 | 523+295.98 | Drain | Vizianagram | Bondapalli | Kondakindam | 4.06 | 18.00 | 10000 | 40600 | OPEN CUT-NT |
| 21 | 531+506.858 | 523+303.69 | Drain | Vizianagram | Bondapalli | Kondakindam | 4.26 | 18.00 | 10000 | 42600 | OPEN CUT-NT |
| 22 | 531+781.704 | 523+612.13 | Field Channel | Vizianagram | Bondapalli | Kondakindam | 3.39 | 18.00 | 10000 | 33900 | OPEN CUT-NT |
| 23 | 532+454.68 | | Pond | Vizianagram | Gantiyada | Penasam | 45.93 | 18.00 | 10000 | 459300 | SUBMERGED CROSSING |
| 24 | 532+759.73 | | Nala | Vizianagram | Gantiyada | Penasam | 17.57 | 18.00 | 10000 | 175700 | SUBMERGED CROSSING |
| 25 | 533+616.11 | | Field Channel | Vizianagram | Gantiyada | Penasam | 6.69 | 18.00 | 10000 | 66900 | OPEN CUT-NT |
| 26 | 533+761.41 | | Nala | Vizianagram | Gantiyada | Penasam | 3.57 | 18.00 | 10000 | 35700 | OPEN CUT-HW |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 535+288.48 | | Nala | Vizianagram | Gantiyada | Nilavati | 19.9 | 18.00 | 10000 | 199000 | SUBMERGED CROSSING |
| 28 | 537+062.104 | 528+546.61 | Field Channel | Vizianagram | Gantiyada | Gantiyada | 3.29 | 18.00 | 10000 | 32900 | OPEN CUT-NT |
| 29 | 537+232 | | Pond | Vizianagram | Gantiyada | Gantiyada | 74.65 | 18.00 | 10000 | 746500 | HDD |
| 30 | 540+515 | | Pond | Vizianagram | Gantiyada | Polanki | 33.55 | 18.00 | 10000 | 335500 | HDD |
| 31 | 540+906.28 | | Pond | Vizianagram | Gantiyada | Polanki | 39.31 | 18.00 | 20000 | 786200 | HDD |
| 32 | 547+452.253 | 538+949.65 | Nala | Vizianagram | Gantiyada | Gantiyada | 5.74 | 18.00 | 10000 | 57400 | SUBMERGED CROSSING |
| 33 | 560+931.67 | | Pond | Vizianagram | LKota | Rangarayapuram | 103.08 | 18.00 | 20000 | 2061600 | HDD |
| 34 | 561+034.75 | | Pond | Vizianagram | LKota | Rangarayapuram | 119.14 | 18.00 | 20000 | 2382800 | HDD |
| | | | | | | | | | Sub- Total | | 12377600 |
| | | | | | | | | | Provision towards GST @ 12% | | 1485312 |
| | | | | | | | | | Provision towards Labour cess @ 1% | | 123776 |
| | | | | | | | | | Provision towards NAC @ 0.1% | | 12377.6 |
| | | | | | | | | | Provision towards unforessen issues | | 34 |
| | | | | | | | | | **Total Estimated cost** | | **13999100** |

3. The Chief Engineer, Minor & Medium Irrigation, Vijayawada has furnished the following terms and conditions to be stipulated by the Indian Oil Corporation Limited(IOCL) for laying of 16 inch dia. petroleum product pipeline along with 3 Inch dia Optical Fibre Cable (OFC) across the water bodies in Vizianagaram District.

## 3(a)Terms and Conditions:

1. Water Resource Department reserves right of denial of crossing to the IOCL Line if it is found to be causing any sort of structural stability and hindrance to flow of water bodies or minor irrigation sources at the point of crossings.
2. The IOCL authorities should execute the crossing work without altering any natural profile and the existing hydraulic particulars of the irrigation water bodies/Rivers/canals/streams.
3. After execution of the work the IOCL should restore the irrigation water bodies/Rivers/canals/streams to the original position as directed by the Engineers of water resources department.
4. This department reserves the right of modification/alteration/up gradation of the department property without the consent of IOCL and the company authorities should oblige the same without any changes. The top level of the pipe line proposed should be laid as per the depth mentioned in cross section drawing of IOCL.
5. The pipe line should be laid preferably by Horizontal Digging and Drilling (HDD) method for major Rivers having bed width more than 7 meters without disturbing the existing embankments.
6. During laying of the pipes, if the canal and rivers prism or banks are disturbed, the firm (i.e., M/s IOCL, PHPL office, Vishakapatnam) is liable for restoration of canals to its original standards with their own cost and as directed by the Engineer - In - Charge of the department.

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7. If any damage is caused to crop or habitations in the vicinity, the sole responsibility shall lie with the applicant firm and adequate compensation should be paid by the firm (i.e., M/s IOCL, PHPL office,Vishakapatnam) to the Farmers or people affected with the damage.

8. After laying the pipeline the canal should be restored to its original standards and No Objection Certificate (NOC) may be obtained from the concerned officials of Water Resource department to get release of the security deposit.

9. Safety of the pipe lines laid is the sole responsibility of the Firm (i.e., M/s IOCL, PHPL office,Vishakapatnam).

10. The pipe line work at the crossing points of major rivers, canals and drains should be got inspected by the Departmental officials not below the rank of Deputy Executive Engineer before execution during execution and after execution. The ideas of departmental officers should in variably be considered while executing the work keeping in view of the safety of the structures like flood banks.

11. A Demand Draft for Rs.1,39,99,100/- should be remitted by IOCL in favour of Assistant PAO Works & Projects Vizianagaram as deposit to carry out any damages caused by the company to Irrigation sources during laying of pipe line if any.

12. The IOC Limited, Visakhapatnam shall hand over the Demand Draft to the Executive Engineer, Vizianagaram Division, Vizianagaram and got permission to execute the work well in advance.

4. The Chief Engineer, Minor & Medium Irrigation, Vijayawada has recommended to Government to accord necessary approval to M/s Indian Oil Corporation Limited(IOCL) for laying 16" dia, Petroleum Product pipeline along with 3” dia optical fiber cable (OFC) across Rivers/ Canals / Nala & drains at various locations in Gantyada, Bondapalli and Chipurupalli Mandals of Vizianagaram District coming under the jurisdiction of Vizianagaram Division as a part of Paradip- Hyderabad Pipe Line Project(PHPL) in the state of Andhra Pradesh at the crossing locations as mentioned at para. 2(a) above subject to the conditions mentioned at para.3(a) above.

5. Government, after careful examination of the matter, hereby accord permission to the M/s Indian Oil Corporation Limited(IOCL) for laying 16” dia Petroleum Product pipeline along with 3” dia Optical Fiber Cable (OFC) across Rivers/ Canals / Nala & drains at various locations in Gantyada, Bondapalli and Chipurupalli Mandals of Vizianagaram District coming under the jurisdiction of Vizianagaram Division as a part of Paradip-Hyderabad Pipeline Project(PHPL) in the state of Andhra Pradesh at the crossing location as mentioned at para. 2(a) above subject to the conditions mentioned at para.3(a) above.

6. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Vizianagaram district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Vizianagaram District.

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The Chief Engineer, Minor & Medium Irrigation, Vijayawada.
The M/s Indian Oil Corporation Ltd. (IOCL), Paradip-Hyderabad Pipeline project Limited, D.No.54-20-7/10, Plat.No.33, Kanakadurga Officers Colony, Gurunanak Colony Road, Vijayawada.

Copy to:

The Private Secretary to Hon'ble Minister for Water Resources.
The Private Secretary to Secretary to Government, Water Resources Department.
The Superintending Engineer, Irrigation Circle, Vizianagaram.
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.